

Notice of Allowability

Application No.

10/037,800

Examiner

Techane J. Gergiso T-G

Applicant(s)

PIERRE ET AL.

Art Unit

2137

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/09/2007.
2. ☒ The allowed claim(s) is/are 1-3, 6-11, 30, 33, and 35-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


EMMANUEL L. MOISE
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

1. This is a response to the applicant's after final communication filed on March 09, 2007 in response to the Final Office Action mailed on January 09, 2007 containing allowable subject matters.

Reason for allowance

2. After reconsideration of the applicant's amendment filed on March 09, 2007, further search and through examination of the present application, claims 1-3, 6-11, 30, 33 and 35-37 have been found to be in condition for allowance over prior art of record.

3. The following is an examiner's statement of reasons for allowance: The prior art used for rejection include Huitema et al. that discloses a method and system for filtering data packet traffic including the steps of receiving a data packet from the data packet traffic; determining whether the data packet from the data packet traffic includes data associated with a first protocol, e.g., IPv6, encapsulated within data associated with a second protocol, e.g., IPv4; removing data associated with the second protocol from the data packet if the data packet includes data associated with the first protocol encapsulated within data associated with the second protocol; and transmitting the data packet including data associated with only the first protocol or the second protocol. Godwin et al is the secondary prior art, which disclose a methods and systems that provides a secure communications over a network in a distributed workload environment having target hosts which are accessed through a distribution processor by a common network address. The Secure communications are provided by routing both inbound and outbound

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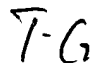
communications with target hosts which are associated with a secure network communication through the distribution processor. Both inbound and outbound secure network communications are processed at the distribution processor so as to provide network security processing of communications from the target host and network security processing of communications to the target host

4. However the claimed invention is directed to the method for conveying a security context information encapsulated in an IP packet in one version and to encrypt and decrypt a packet payload in another IP packet version. The process includes creating and assigning a virtual address to a client process, issuing a first Internet Protocol version compliant packet, wherein the first Internet Protocol version compliant packet comprises a security context, prepending an issued packet with a second Internet Protocol version header producing a second Internet Protocol version compliant packet, forwarding the second Internet Protocol version compliant packet to a recipient, stripping away the second Internet Protocol version compliant header from the second Internet Protocol version compliant packet producing a stripped packet at the recipient, decrypting and authenticating the stripped packet using a particular method as indicated by the security context producing a decrypted and authenticated packet, and routing the decrypted and authenticated packet to a recipient process using the virtual address. This claimed invention is not shown by and would not have been obvious over prior arts of record.

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Techane J. Gergiso whose telephone number is (571) 272-3784 and fax number is ~~(571) 273-3784~~. The examiner can normally be reached on 9:00am - 6:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Techane Gergiso

Patent Examiner

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March 25, 2007